

Claims

1. A method of bonding cable harnesses adhesively to substrates such as the interior decorative components of a passenger car, especially roof lining, door side part or boot lid, which comprises
5 enveloping individual cables with a textile tape provided preferably on one side with a self-adhesive coating, thus forming a cable harness, and
fixing the cable harness to the substrate by means of double-sided adhesive tape sections.
- 10 2. The method of claim 1, characterized in that
the adhesive bonding of the double-sided adhesive tape sections to the cable harness takes place by means of an apparatus for unrolling a backing material web 41,
present on a roll 4, with the double-sided adhesive tape sections 42, comprising
15 a handle 1 fitted to a baseplate 2,
a receiver 21 mounted rotatably on the baseplate 2 and intended for the roll 4 of backing material web 41,
a pressure roller 22 which is mounted rotatably on the baseplate 2 and which during the dispensing operation brings the backing material web 41 with the adhesive tape
20 sections 42 into contact with the substrate and, via 21 for the roll 4, is guided in such a way that the adhesive tape sections 42 are dispensed onto the substrate from the backing material web 41 during the dispensing operation,
a drive roller 23 which is mounted rotatably on the baseplate 2 and via which the backing material web 41 with the adhesive tape sections 42 is guided in such a way
25 that the drive roller 23 rotates synchronously with respect to the speed of the backing material web 41,
a receiver roller 25 which is mounted rotatably on the baseplate 2 and which receives the backing material web 41 after the adhesive tape sections 42 have been dispensed, and which in particular is set in rotation via a belt 24 by the movement of
30 the drive roller 23.
3. The method of claim 1 or 2, characterized in that
the drive roller 23 is disposed between the receiver 21 for the roll 4 of backing material web 41 and the pressure roller 22 and/or

a guide roller 26 is disposed between the receiver 21 for the roll 4 of backing material web 41 and the drive roller 23.

4. The method of at least one of claims 1 to 3, characterized in that
5 on an axle 3 which can be fixed on the handle 1 there is an adjustable positioning aid 6, in particular in the form of a rotatably mounted shaft 61 which can be fixed by screwing, via which the backing material web 41 is guided from the receiver 21 for the roll 4 of backing material web 41 in the direction of drive roller 23.
- 10 5. The method of at least one of the preceding claims, characterized in that one side of the pressure roller 22 is fixed on the baseplate 2 and the other side carries a counterplate 8, the counterplate 8 and the baseplate 2 being of prolonged design in the direction of the handle 1 in the case of an apparatus 100 which is pushed during the dispensing operation.
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6. The method of at least one of the preceding claims, characterized in that the apparatus is guided by a robot, so that adhesive tape sections are applied to the cable harness at precisely predetermined locations.
- 20 7. The method of at least one of the preceding claims, characterized in that the textile tape is guided in a spiral movement around the elongate material, there having been applied preferably at least to one side of the tape an adhesive in the longitudinal direction in the form of a stripe which is narrower than the tape.
- 25 The method of at least one of the preceding claims, characterized in that use is made as textile tape of nonwoven webs consolidated in particular by over stitching with separate threads or by interlooping or water jets or needles.